

ABSTRACT

A transmitting circuit apparatus has
a frequency modulator that performs frequency modulation
of a carrier wave with frequency modulation data and outputs
the frequency-modulated carrier wave;

a sigma-delta modulator which performs sigma delta
modulation of amplitude modulation data; and

an amplitude modulator that performs amplitude
modulation of the frequency-modulated carrier wave with an
output signal of the sigma-delta modulator and outputs the
amplitude-modulated carrier wave.